

CAPBOND EP SPL

EPOXY ADHESIVE FOR OLD TO NEW CONCRETE BONDING

DESCRIPTION

CAPBOND EP SPL is a medium viscosity moisture insensitive all purpose bonding agent is a two component, 100 % solid epoxy resin designed to bond new concrete to old concrete and other materials to concrete .when mixed with sand can be used as patching compound

USES:

- To bond new concrete to old concrete
- General adhesive

FEATURES

- Medium viscosity aids penetration
- High bond strength.
- May be extended with sand and aggregate for mortar repairs.

TECHNICAL DATA

Applicable standard

ASTM C-881 Type II Grade II
Class B and C

PROPERTIES at 25 °C

Pot life hrs	: ≥ 1 hrs
Tack free time hrs	: > 1.30 hrs
Full cure	: 7 Days
Compressive strength @ 7 days	: ≥ 720 kg/cm ²
Slant shear bond strength @ 7 days	: ≥ 1500 Psi
Tensile strength @ 7 days	: ≥ 6000 Psi
Elongation %	: ≥ 1 %

DIRECTIONS FOR USE

Surface preparation

Concrete surface must be clean sound and dry Remove all previous sealers, grease, oil and other contaminants, which may impair bond. Remove surface Laitance by Sand Blasting or by other Mechanical means. Vacuum surface to remove all dust and debris. Newly constructed Floor should be cured as per construction norms.

Mixing

Stir each component separately in original packing with a slow speed drill. Empty the components B in component A and, mix it for 2-3 Minutes or until uniformity with a slow speed drill.

CAPBOND EP SPL kit is supplied in preweigh packs mix only the quantity that can be used within its gel time.

Application

To bond fresh concrete to hardened concrete:

Apply by brush roller, or spatula to cured concrete substrate, place fresh concrete while bonding agent is still tacky. If coat of bonding agent has loss tackiness, before pouring concrete, roughen epoxy surface, recoat with capoxy bond spl and proceed. with fresh pour of concrete.

COVERAGE

CAPBOND EP SPL 1. 8 M²/ kg

CLEANING OF TOOLS

Clean the tools with **CAP THINNER** immediately after use, remove uncured **CAPBOND EP SPL** from tools and equipment by using **CAP THINNER**.

Cured material may only be removed mechanically

PACKAGING

CAPBOND EP SPL 1 kg and 4 kg pack

STORAGE

CAPBOND EP SPL should be stored under shade at temperatures between 10⁰ and 35⁰ C.

SHELF LIFE:

12 months in sealed original container, under recommended storage conditions.

SAFETY PRECAUTIONS

Keep container closed when not in use

Keep out of reach of Children

Both components are irritant, prolonged contact with skin or Eye may cause irritation.

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FIRST AID

Skin contact

Wash thoroughly with soap and water.

Eye contact

Flush immediately with clean water and seek

Hygiene

Wash hands immediately with CAP THINNER followed by soap and water.

TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

Note : The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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